

IN THE CLAIMS:

1. (Currently amended) A process for forming workpieces in a ~~forming~~ multi-station press system which has at least ~~one forming station~~ two press stations and optionally an intermediate depositing device, comprising transporting the workpieces from or to each of the at least one forming station press stations and the optional intermediate depositing device, and, during transport of a particular workpiece within the ~~forming~~ multi-station press system, carrying out an energy beam machining of the particular workpiece during the transport thereof or when resting on the intermediate depositing device with a local energy beam device movable in at least one linear direction and tiltable so as to produce an energy beam substantially perpendicular to curved surfaces of the particular workpiece.

2. (Cancelled)

3. (Currently amended) The process according to claim [2] 1, wherein the beam machining of the workpiece is a laser beam machining, a plasma jet machining, a water jet machining or a sandblasting machining.

4. (Currently amended) The process according to claim [2] 1, wherein the energy beam machining of the workpiece comprises welding machining, cutting machining, and removal machining.

5. (Original) The process according to claim 1, wherein the machining of the workpiece comprises a feeding of electromagnetic energy into the workpiece.

6. (Currently amended) The process according to claim 1, wherein the ~~forming~~ multi-station press system operates at a predetermined cycle, with the machining of the workpiece being carried out with a local energy feed in the predetermined cycle.

7. (Cancelled)

8. (Currently amended) The process according to claim 1, wherein the machining of the workpiece is carried out while the workpiece is situated in the area of one of the forming press station.

9. (Currently amended) The process according to claim 8, wherein during the machining in the area of the ~~forming~~ one press station, the workpiece is situated on [a] the intermediate depositing element device.

10. (Currently amended) ~~The A process according to claim 1 for~~ forming workpieces in a forming system which has at least one forming station, comprising transporting the workpieces from or to the at least one forming station, and, during transport of a particular workpiece within the forming system, carrying out an energy beam machining of the particular workpiece with

a local energy beam device movable in at least one linear direction and tiltable so as to produce an energy beam substantially perpendicular to curved surfaces of the particular workpiece, wherein during the machining in the area of the forming station, the workpiece is situated on an intermediate depositing device.

11. (Original) The process according to claim 10, wherein the intermediate depositing device is moved for machining the workpiece.

12. (Currently amended) A ~~forming~~ multi-station press system for ~~carrying out a process of forming sheet metal workpieces, comprising at least one forming station~~ two press stations and optionally an intermediate depositing device configured to produce three-dimensional contours in the sheet metal workpieces, means for transporting the workpieces from and to each of the at least one forming station press stations and the optional intermediate depositing device, and at least one machining station with an energy beam device for local energy feeding arranged inside the forming system and on a transport device for the sheet metal workpieces and configured to operate in a workpiece during the transport thereof or while resting on the intermediate depositing device such that the energy beam device is movable in at least one linear direction and is tiltable so as to produce an energy beam substantially perpendicular to curved surfaces of the workpieces.

13. (Currently amended) A ~~forming~~ multi-station press system for carrying out a process of forming sheet metal workpieces, comprising at least ~~one~~

~~forming station~~ two press stations and optionally an intermediate depositing device configured to produce three-dimensional contours in the sheet metal workpieces, means for transporting the workpieces from or to ~~the at least one forming station~~ press stations and the optional intermediate depositing device, and at least one machining station having an energy beam device for local energy feeding arranged inside the forming system and configured to operate on a workpiece during transport thereof or while resting on the optional intermediate depositing device such that the energy beam device is movable in at least one linear direction and is tiltable so as to produce an energy beam substantially perpendicular to curved surfaces of the workpieces.

14. (Currently amended) The system according to claim 12, wherein the machining ~~device~~ station is provided with at least one machining element.

15. (Currently amended) ~~The~~ A multi-station press system according to claim 12 for forming sheet metal workpieces, comprising at least one forming station configured to produce three-dimensional contours in the sheet metal workpieces, means for transporting the workpieces from and to the at least one forming station, and at least one machining station with an energy beam device for local energy feeding arranged inside the forming system and on a transport device for the sheet metal workpieces and configured such that the energy beam device is movable in at least one linear direction and is tiltable so as to produce an energy beam substantially perpendicular to curved surfaces of the workpieces, wherein the transport device has at least one rail and at least one

suction bridge movably arranged on the rail, on which suction bridge the at least one machining ~~device~~ station is mounted.

16. (Currently amended) The system according to claim 15, wherein at least one machining ~~element~~ station is mounted via a guiding element on the suction bridge.

17. (Currently amended) The system according to claim 16, wherein at least one machining ~~element~~ station is mounted on the guiding element via a manipulation device.

18. (Currently amended) The system according to claim 12, wherein the ~~transport device~~ means for transporting has at least one separate slide block on which the at least one machining station is mounted.

19. (Currently amended) The system according to claim 18, wherein the at least one machining ~~element~~ station is mounted on the slide block ~~by way of~~ via an adjusting element, the at least one machining ~~element~~ station being arranged to be movable via the adjusting ~~device~~ element transversely to the transport direction of the workpiece.

20. (Currently amended) The system according to claim 19, wherein the at least one machining ~~element~~ station is mounted on a separate manipulation device in the ~~forming~~ multi-station press system.

21. (Original) The system according to claim 17, wherein the manipulation device is configured to be programmable.

22. (Currently amended) ~~The~~ A multi-station press system according to claim 20 for forming sheet metal workpieces, comprising at least one forming station configured to produce three-dimensional contours in the sheet metal workpieces, means for transporting the workpieces from and to the at least one forming station, and at least one machining station with an energy beam device for local energy feeding arranged inside the forming system and on a transport device for the sheet metal workpieces and configured such that the energy beam device is movable in at least one linear direction and is tiltable so as to produce an energy beam substantially perpendicular to curved surfaces of the workpieces, wherein the means for transporting has at least one separate slide block on which the at least one machining station is mounted, the at least one machining station is mounted on the slide block via an adjusting element, the at least one machining stations being arranged to be movable via the adjusting element transversely to the transport direction of the workpiece, the at least one machining station is mounted on a separate manipulation device in the system, and the manipulation device has a cross traverse and at least one stroke element provided for vertical adjustment of the cross traverse.

23. (Currently amended) The system according to claim 22, wherein the at least one machining element station is arranged to be movable

approximately perpendicularly to the transport direction constituting one of the linear directions.

24. (Currently amended) The system according to claim 23, wherein the at least one machining ~~element~~ station is arranged to be movable by a linear guide at least approximately perpendicular to the transport direction constituting one of the linear directions.

25. (Currently amended) The system according to one of claim 12, wherein the at least one machining ~~element~~ station comprises a laser head.